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0003181676 20070101.
Title
Compiling 65816 Forth with a 6502 metacompiler.
Conference information
1987 Rochester Forth Conference on Comparative Computer Architectures, Rochester, NY, USA, 1987.
Sponsor(s): Johns Hopkins Univ; Oak Ridge Nat. Lab; IEEE; et al.
Source
Journal of Forth Application and Research, {J-Forth-Appl-Res-USA}, 1987, vol. 5, no. 1, p. 236, 0 refs,
CODEN: JFAREL, ISSN: 0738-2022, USA.

Author(s)
Anway-A.
Author affiliation
Anway, A., Acad. Comput., UW-Superior, Superior, WI.

Abstract
Summary form only given, substantially as follows. Having a new Apple IIGS and an old Forth
metacompiler gave incentive to write Forth in the 65816 **native** code, a true 16-bit machine. The
simple accumulator (A), memory (M), X and Y registers are preserved from the old 6502 into the new
65816 but they can be independently set to 16 bits or 8 bits; or exact 6502 **emulation.** The
conversion stages were: (1) Write a new Forth assembler, a converted 6502, into a multiple mode
assembler. The programmer tells the assembler the mode with words 6502- 816andand 816and- 816-
and 816--, the normal NEXT exit 816and- being 16 bits M&A, 8 bits X&Y. (2) Using 6502- code Forth
on the IIGS, write test examples of code in 816and- **native** code. Words were written as CODE (DO)'
CLC, XCE, 20 .# REP, . . . SEC, XCE, NEXT JMP, END-CODE to redefine code into 816and-, run, and put
back into 6502- else crash. (3) Rewrite the old meta to a new meta, writing I/O references in old 6502-
mode. (4) Compiles the new 816and- **meta-kernel** relying on the metacompiler forcing all
interpretation to take place from the old dictionary. Only when the new **kernel** starts up alone does
the machine transfer to the true 65816 **native** mode.
Descriptors
APPLE-COMPUTERS; FORTH; MICROCOMPUTER-APPLICATIONS; PROGRAM-
COMPILERS.

Classification codes
　　C6150C Compilers-interpreters-and-other-processors*.
Keywords
　　65816-Forth; 6502-metacompiler; Apple-IIGS; **native-code;** 16-bit-machine; Forth-assembler;
　　multiple-mode-assembler; I/O-references; **meta-kernel;** interpretation; dictionary; 16-bit.
Treatment codes
　　P Practical.
Numerical indexing
　　word length: 1.6E01 bit.
Language
　　English.
Publication type
　　Conference-paper; Journal-paper.
Availability
　　CCCC: 0738-2022/87/$2.75.
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... Mueller et al., MiThos-A Real time Micro **Kernel** . . ... Typically, an **emulator** is found in a newer computer ... additionally execute an operating system **native** to the ...
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Kernel emulator for **non-native** program modules
B BOND, SATM KHALID - EP Patent 1,209,564, 2002 - freepatentsonline.com
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… **kernel** interprets the simulated instruction as a instruction … **non-native** software program is both translated into **native** 45 gram coun ter is incremented. …
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